

LISTING OF THE CLAIMS

At the time of the Action:

Pending Claims: 21-41

Withdrawn Claims: none

Canceled Claims: 1-20

After this Response:

Pending Claims: 21-40.

Amended Claims: 21-28, 30-34, and 36-40.

Canceled Claims: 41.

1-20. (Canceled)

21. (Currently Amended) One or more computer readable storage media storing computer-implementable instructions that cause one or more processors to perform acts comprising:

receiving a new message from a client device;

identifying a sender name of the new message that identifies a user logged onto the client device;

identifying a title attribute of the new message that identifies an application running on the client device that sent the new message;

determining whether a queue for a targeted recipient of ~~[[a]]the~~ new message has more than a message queue threshold number of messages, ~~the new message having one or more fields that identify a sender attribute of the new message;~~

deleting one of the messages from the queue when the queue includes more than the message queue threshold number of messages, wherein deleting one of the messages from the queue comprises:

deleting a message in the queue that has the title attribute of the new message regardless of the sender name of the new message when a sender name count exceeds a sender name threshold and when an attribute title count exceeds an attribute title threshold~~deleting one of the messages from the queue when an attribute message count exceeds a sender attribute threshold, the attribute message count including messages in the queue containing the sender attribute of the new message; and~~
adding the new message to the queue.

22. (Currently Amended) One or more computer readable media as recited in claim 21, wherein deleting one of the messages from the queue ~~when an attribute message count exceeds a sender attribute threshold~~further comprises:

~~determining whether the number of messages in the queue having the sender attribute of the new message exceeds the sender attribute threshold number of messages;~~

deleting the oldest message in the queue regardless of the sender name and the attribute title when the sender name count does not exceed the sender name threshold and when the attribute title count does not exceed the attribute title threshold

~~when the attribute message count does not exceed the sender attribute threshold; and~~

~~deleting the oldest message in the queue having the sender attribute of the new message when the attribute message count exceeds the sender attribute threshold.~~

23. (Currently Amended) One or more computer readable media as recited in claim 22, wherein the deleting one of the messages from the queue further comprises deleting a message in the queue that has the sender name of the new message when the sender name count exceeds the sender name threshold and when the attribute title count does not exceed the attribute title threshold~~the sender attribute of the message is a sender name, and wherein deleting the oldest message in the queue having the sender attribute includes deleting the oldest message in the queue having the sender name of the new message.~~

24. (Currently Amended) One or more computer readable media as recited in claim [[22]]21, wherein the deleting one of the messages from the queue further comprises deleting an oldest message in the queue that has the attribute title of the new message when the attribute title count exceeds the attribute title threshold~~the sender attribute of the message is a sender title, and wherein deleting the oldest message in the queue having the sender attribute includes deleting the oldest message in the queue having the sender title of the new message.~~

25. (Currently Amended) One or more computer readable media as recited in claim 21, wherein the title attribute of the new message identifies a game running on the client device that sent the new message
the sender attribute includes

~~a sender title and a sender name, and wherein deleting one of the messages from the queue based on the sender attribute of the new message includes: deleting a message having the sender title of the new message when an attribute title count exceeds an attribute title threshold, the attribute title count including messages in the queue containing the sender title of the new message; and~~

~~deleting a message having the sender name of the new message when the attribute title count does not exceed the attribute title threshold and when an attribute name count exceeds an attribute name threshold, the attribute name count including messages in the queue containing the sender name of the new message.~~

26. (Currently Amended) One or more computer readable media as recited in claim [[25]]23, wherein:

~~deleting a message having the sender title of the new message is to delete the oldest message in the queue having the sender title of the new message; and~~

~~the deleting a message having~~in the queue that has the sender name of the new message is to delete the oldest message in the queue ~~having~~that has the sender name of the new message.

27. (Currently Amended) One or more computer readable media as recited in claim [[26]]21, wherein the sender title ~~name~~ includes at least one of a system administrator, a publisher of an application, and an application itself.

28. (Currently Amended) A method for intelligent message deletion, the method comprising:

identifying a first sender attribute of the a message that identifies a source of the new message;

identifying a second sender attribute of the new message that further identifies the source of the new message;

determining whether a queue for a targeted recipient of athe new message has more than a message queue threshold number of messages,~~the new message having one or more fields that identify a sender attribute of the new message;~~

~~when the queue includes more than the message queue threshold number of messages, then;~~

determining a first sender attribute count~~an attribute message count in the queue based on the number of~~ including messages in the queue that have the first sender attribute~~containing the sender attribute of the new message;~~

determining a second sender attribute count based on the number of messages in the queue that have the second sender attribute of the new message;

deleting a message from the queue based on both the first sender attribute count and the second sender attribute count

~~when the attribute message count does not exceed a sender attribute threshold, deleting the oldest message in the queue; and~~

~~when the attribute message count exceeds the sender attribute threshold, deleting the oldest message in the queue having the sender attribute; and~~

adding the new message to the queue.

29. (Previously Presented) A method as recited in claim 28, wherein the targeted recipient is an address identifying a user, the address being independent from any particular client device.

30. (Currently Amended) A method as recited in claim 28, wherein the deleting a message from the queue based on both the first sender attribute count and the second sender attribute count comprises

~~the sender attribute includes a sender title and a sender name, and wherein deleting the oldest message in the queue having the sender attribute includes:~~

~~determining an attribute name count in the queue including messages in the queue containing the sender name of the new message;~~

~~determining an attribute title count in the queue including messages in the queue containing the sender title of the new message;~~

deleting a message having the first sender attribute of the new message when the attribute titlefirst sender attribute count exceeds [[an]] attribute titlea first sender attribute threshold;~~deleting a message having the sender title of the new message; and~~

deleting a message having the second sender attribute of the new message when the attribute titlefirst sender attribute count does not exceed the attribute titlefirst sender attribute threshold and when the second sender attributeattribute name count exceeds a second sender attributean attribute name threshold;~~deleting a message having the sender name of the new message.~~

31. (Currently Amended) A method as recited in claim [[28]]30, wherein:

the deleting a message having the first sender attribute sender title~~of the new message is to delete the oldest message in the queue having the first sender attribute sender title of the new message; and~~

the deleting a message having the sender namessecond sender attribute~~of the new message is to delete the oldest message in the queue having the sender namessecond~~

sender attribute of the new message.

32. (Currently Amended) A method as recited in claim 28, wherein the second sender attribute comprising a user of a game console.

33. (Currently Amended) A method as recited in claim 28, wherein the sender first sender attribute comprising a game title.

34. (Currently Amended) A system, comprising:

a memory to store a queue; and

an intelligent message deletion module to:

identify a first sender attribute of a newly received message that identifies a source of the newly received message;

identify a second sender attribute of the newly received message that further identifies the source of the newly received message;

~~add [[a]]the newly received message to the queue, the newly received message having one or more fields identifying a sender attribute of the newly received message; and~~

~~delete a previously received message from the queue based on the number of messages in the queue that have the first sender attribute of the newly received message and the number of messages in the queue that have the second sender attribute of the newly received message when the queue includes more than a message queue threshold number of messages, the intelligent message deletion module deleting the previously received message based on the sender attribute of the newly received message.~~

35. (Previously Presented) A system as recited in claim 34, wherein the queue is associated with a targeted recipient of the newly received message.

36. (Currently Amended) A system as recited in claim 34, wherein the intelligent message deletion module is further configured to:

delete the oldest message in the queue when the queue includes more than a message queue threshold number of messages and when the number of messages in the queue that have the first sender attribute of the newly received message does not exceed a first sender attribute threshold~~when an attribute message count does not exceed a sender attribute threshold, the attribute message count including messages in the queue containing the sender attribute of the newly received message; and~~

delete the oldest message in the queue having the first sender attribute of the newly received message when the queue includes more than the message queue threshold number of messages and when the number of messages in the queue that have the first sender attribute of the newly received message exceeds the first sender attribute threshold~~when the attribute message count exceeds the sender attribute threshold.~~

37. (Currently Amended) A system as recited in claim ~~[[36]]~~34, wherein the first sender attribute of the newly received message identifies an application running on a client device that sent the newly received message~~is a sender name.~~

38. (Currently Amended) A system as recited in claim ~~[[36]]~~34, wherein the second sender attribute of the newly received message identifies a user logged onto a client device when the message was sent~~includes a sender name and a sender title.~~

39. (Currently Amended) A system as recited in claim 34, wherein the sender attribute includes a sender title and a sender name, and wherein the intelligent message deletion module is further configured to:

delete the oldest message in the queue having the second sender title attribute of the newly received message when the queue includes more than the message queue threshold number of messages, the number of messages in the queue that have the first sender attribute of the newly received message does not exceed the first sender attribute threshold, and the number of messages in the queue that have the second sender attribute of the newly received message exceeds the second sender attribute threshold

an attribute title count exceeds an attribute title threshold, the attribute title count including messages in the queue containing the sender title of the newly received message;

delete the oldest message in the queue having the sender name of the newly received message when the attribute title count does not exceed the attribute title threshold and when an attribute name count exceeds an attribute name threshold, the attribute name count including messages in the queue containing the sender name of the newly received message.

40. (Currently Amended) A system as recited in claim ~~[[39]]~~34, wherein the second sender title attribute includes at least one of a system administrator, a publisher of an application, and an application itself.

41. (Canceled).